



NÁRODNÍ AKREDITAČNÍ ORGÁN

EA MLA Signatory
Český institut pro akreditaci, o.p.s.
Olšanská 54/3, 130 00 Praha 3

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products, as amended

CERTIFICATE OF ACCREDITATION

No. 152/2018

Všeobecná fakultní nemocnice v Praze
with registered office U Nemocnice 499/2, 128 08 Praha 2, Company Registration No. 00064165

to the Testing Laboratory No. 1250
VFN Testing Laboratory for Dental Materials

Scope of accreditation:

Testing of physical and mechanical properties of dental materials to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of Accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

ČSN EN ISO/IEC 17025:2005

In its activities performed within the scope and for the period of validity of this Certificate, the Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited Conformity Assessment Body.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 234/2017 of 21. 4. 2017, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **23. 3. 2023**

Prague: 23. 3. 2018



Jiří Růžička
Director
Czech Accreditation Institute
Public Service Company

**The Appendix is an integral part of
Certificate of Accreditation No. 152/2018 of 23/03/2018**

Accredited body according to ČSN EN ISO/IEC 17025:2005:

Všeobecná fakultní nemocnice v Praze
VFN Testing Laboratory for Dental Materials
Karlovo náměstí 32, 121 11 Praha 2

The Laboratory is qualified to update standards identifying the test procedures.

Tests:

Ordinal no.	Detailed description of the test procedure/method	Identification of the test procedure/method	Tested object
1	Determination of depth of cure	ČSN EN ISO 4049, cl. 7.10 ČSN EN ISO 6874, cl. 6.6	Polymer-based restorative materials, Class 2 Polymer-based pit and fissure sealants
2	Determination of water sorption and solubility	ČSN EN ISO 4049, cl. 7.12 ČSN EN ISO 10477, cl. 7.8	Polymer-based restorative materials Dental crown and bridge resin materials
3	Determination of flexural strength	ČSN EN ISO 4049, cl. 7.11 ČSN EN ISO 9917-2, Annex C ČSN EN ISO 10477, cl. 7.6	Polymer-based restorative materials Dental water-based cements - Resin modified cements Dental crown and bridge resin materials
4	Determination of compressive strength	ČSN EN ISO 3107, cl. 7.3 ČSN EN ISO 24234, cl. 6.7 ČSN EN ISO 9917-1, Annex D	Dental zinc oxide/eugenol and zinc oxide/non-eugenol cements Dental amalgam Dental water-based cements - Powder/liquid acid-base cements
5	Determination of creep	ČSN EN ISO 24234, cl. 6.5	Dental amalgam
6	Determination of bond strength	ISO/TS 11405:2003	Dental materials - Adhesion systems
7	Check of reproduction of details and compatibility with gypsum	ČSN EN 21563:1996, cl. 6.4 ČSN EN ISO 4823, cl. 7.4, 7.6	Dental alginate impression materials Dental elastomeric impression materials
8	Determination of working time, appearance of mixed amalgam	IP No. 1 (Eames W.B., Skinner E.W.: A possible test for working time of dental amalgam. J. Dent. Res. 44, Spec. issue, 1965) ČSN EN ISO 24234, cl. 6.8	Dental amalgam

Explanations and abbreviations:

IP - Internal procedure (prepared by the VFN Testing laboratory for Dental Materials)